

Publication

**EP 0882403 A3 19981223**

Application

**EP 98112224 A 19921223**

Priority

- EP 93900351 A 19921223
- GB 9202381 W 19921223
- GB 9127463 A 19911228

Abstract (en)

[origin: WO9312660A1] Sausages are produced by co-extruding a uniform layer of acid collagen gel around an extruded edible meat product, and chemically coagulating the co-extruded gel in a bath containing a chemical coagulating agent, such as to provide a collagen casing of sufficient mechanical strength to allow mechanical formation of sausage links by twist-linking or crimping. Preferably a coagulating agent such as liquid smoke is included in the collagen gel prior to extrusion. The coagulating bath may comprise a dehydrating agent such as alkali or a salt solution. No expensive air drying step is required in order to produce continuous casings of good strength.

IPC 1-7

**A22C 13/00**

IPC 8 full level

**A22C 11/00** (2006.01); **A22C 13/00** (2006.01); **A23L 1/317** (2006.01); **A23L 13/60** (2016.01)

CPC (source: EP US)

**A22C 13/0016** (2013.01 - EP US); **A22C 2013/0023** (2013.01 - EP US)

Citation (search report)

- [Y] EP 0083126 A1 19830706 - VAESSEN SCHOEMAKER HOLDING BV [NL]
- [Y] US 3041182 A 19620626 - HANSEN LEO J, et al
- [DY] FR 2226932 A1 19741122 - DEVRO INC [US]
- [DA] US 3622353 A 19711123 - BRADSHAW NOEL JAMES, et al
- [A] US 2988451 A 19610613 - HELMUT ZAHN
- [A] LU 56227 A1 19690422
- [DY] DATABASE WPI Section Ch Week 9810, Derwent World Patents Index; Class D13, AN 90-119470, XP002082408

Cited by

NL1025670C2; WO2006051278A1; US11006642B2; WO2006051274A1; WO2005084447A1; US9173414B2; US10980245B2

Designated contracting state (EPC)

DE DK ES FR GB IE NL SE

DOCDB simple family (publication)

**WO 9312660 A1 19930708**; AU 3168693 A 19930728; AU 675631 B2 19970213; BR 9206994 A 19951205; CA 2126845 A1 19930708; CA 2126845 C 20031118; DE 69228560 D1 19990408; DE 69228560 T2 19991028; DK 0618771 T3 19990927; EP 0618771 A1 19941012; EP 0618771 B1 19990303; EP 0882403 A2 19981209; EP 0882403 A3 19981223; ES 2129512 T3 19990616; GB 9127463 D0 19920219; JP H07502409 A 19950316; KR 100280573 B1 20010201; US 6089845 A 20000718; US 6235328 B1 20010522

DOCDB simple family (application)

**GB 9202381 W 19921223**; AU 3168693 A 19921223; BR 9206994 A 19921223; CA 2126845 A 19921223; DE 69228560 T 19921223; DK 93900351 T 19921223; EP 93900351 A 19921223; EP 98112224 A 19921223; ES 93900351 T 19921223; GB 9127463 A 19911228; JP 51153093 A 19921223; KR 19940702247 A 19940628; US 47405999 A 19991229; US 93880297 A 19970926